

DEC 27 2004

# TRANSMITTAL FORM

Application Serial Number	10/689,867
Filing Date	October 21, 2003
First Named Inventor	Esposito
Group Art Unit	2839
Examiner Name	Nasri, Javaid H.
Attorney Docket No.	TPS-007
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

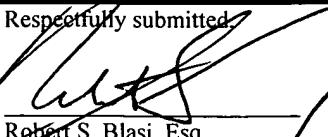
- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Check Attached<br><input type="checkbox"/> Copy of Fee Transmittal Form<br><input checked="" type="checkbox"/> Amendment/Response (9 pgs.)<br><input type="checkbox"/> Preliminary<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]<br><input type="checkbox"/> Petition for Extension of Time<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Form PTO-1449<br><input type="checkbox"/> Copies of IDS Citations<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Sequence Listing submission<br><input type="checkbox"/> Paper Copy/CD<br><input type="checkbox"/> Computer Readable Copy<br><input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (2 pgs.)<br><input type="checkbox"/> Formal Drawing(s)<br><input type="checkbox"/> Request For Continued Examination (RCE) Transmittal<br><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application (3 pgs.)<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> CD(s) for large table or computer program<br><input type="checkbox"/> Amendment After Allowance<br><input type="checkbox"/> Request for Certificate of Correction<br><input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences<br><input type="checkbox"/> Appeal Brief (in triplicate)<br><input type="checkbox"/> Status Inquiry<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 (1 pg.)<br><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8<br><input type="checkbox"/> Additional Enclosure(s) (please identify below)<br><input type="checkbox"/> Response to Notice to File Missing Parts of Nonprovisional Application (1 pg.) |
|---|---|--|

## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower  
 125 High Street  
 Boston, MA 02110  
 Tel. No.: (617) 248-7000  
 Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Date: December 23, 2004  
 Reg. No. 50,389  
 Tel. No.: (617) 248-7097  
 Fax No.: (617) 248-7100

Respectfully submitted,  
  
 Robert S. Blasi, Esq.  
 Attorney for the Applicants  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower  
 125 High Street  
 Boston, MA 02110



PATENT  
Attorney Docket No. TPS-007 (7710/16)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Esposito  
SERIAL NO.: 10/689,867 GROUP NO.: 2839  
FILING DATE: October 21, 2003 EXAMINER: Nasri, Javaid H.  
TITLE: Methods and Apparatus for Sealed Fiber Optic Feedthroughs

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 23rd day of December, 2004.

  
Katherine M. Corcoran

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Submitted herewith is/are:

Transmittal Form (1 pg.);  
Response to Second Office Action (9 pgs.); and  
Return receipt postcard.

3158839



Ifw

**PATENT**  
Attorney Docket No. TPS-007 (7710/16)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Esposito  
APPLICATION NO.: 10/689,867 ART UNIT: 2839  
FILING DATE: October 21, 2003 EXAMINER: Nasri, Javaid H.  
TITLE: Methods and Apparatus for Sealed Fiber Optic Feedthroughs

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO SECOND OFFICE ACTION**

In response to the Office Action mailed on October 13, 2004, the Applicants respectfully submit the following Response:

**Amendments to the Claims** begin on page 2 of this paper;

**Remarks** begin on page 7 of this paper; and

**Conclusion** begins on page 9 of this paper.

The Applicants believe that no additional fees are due with this Response, but the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 20-0531.

**AMENDMENTS**

Prior to further examination, please amend this application as follows: